

APPROVED BY DRAFTSMAN	O.G. FIG. CLASS SUBCLASS
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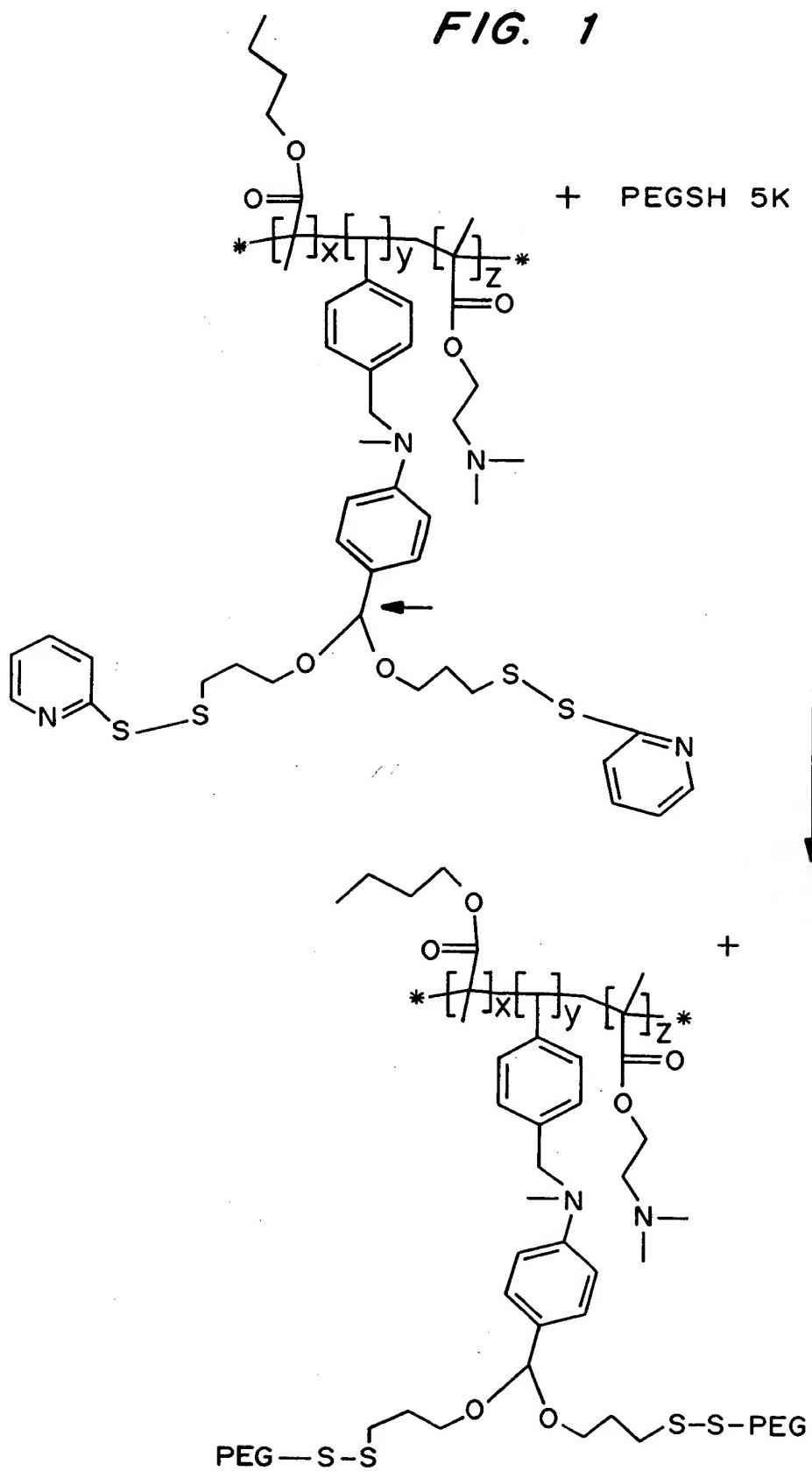
"Enhanced Transport Using Membrane Disruptive Agents"

y: Allan S. Hoffman, Patrick S. Stayton, and Niren

J.S.S.N. 09/755,701
Filed: January 5, 2001

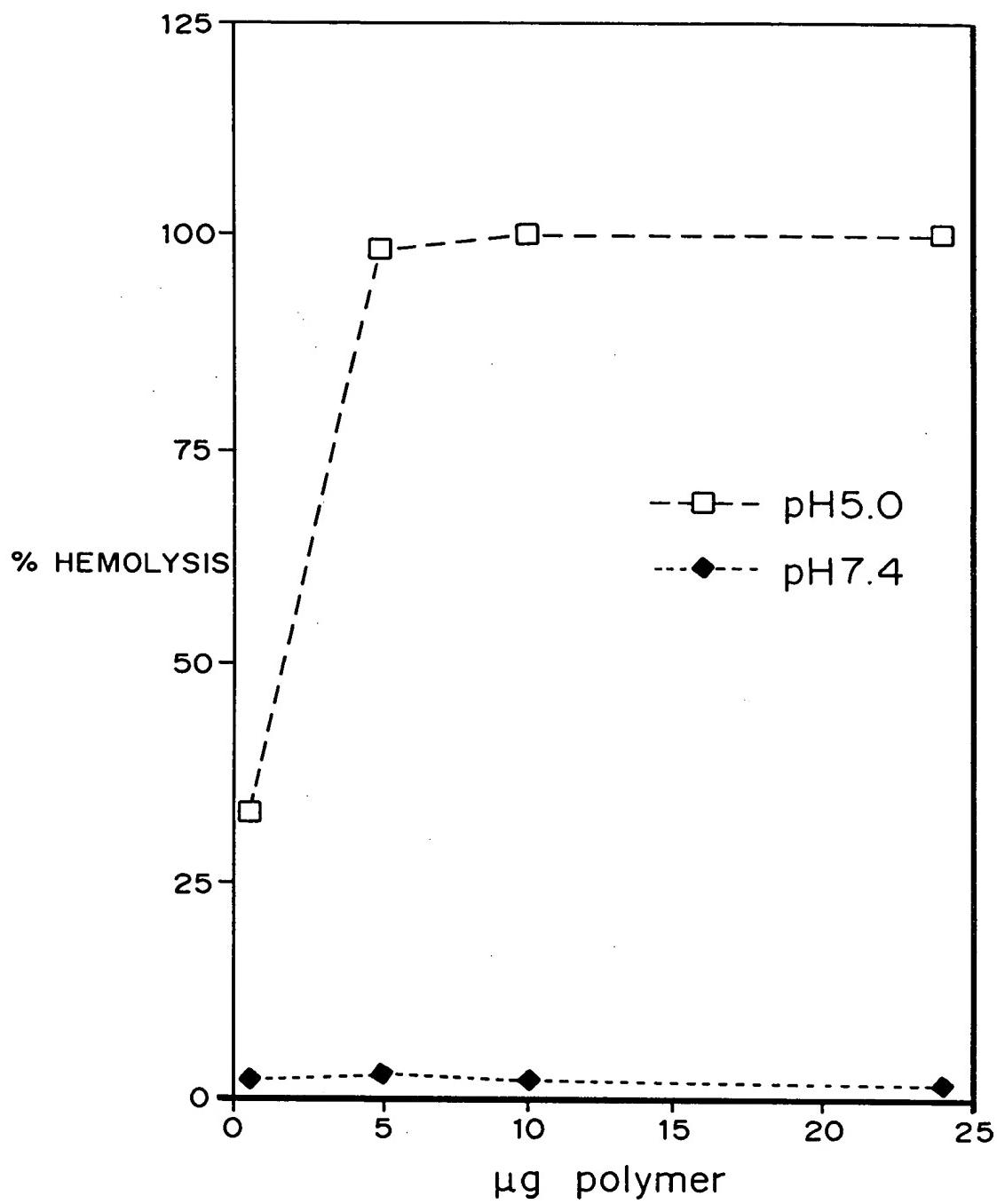
Att'y. Docket No.: UWS 105

FIG. 1



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"Enhanced Transport Using Membrane Disruptive Agents"
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Experimental Conditions

- (1) 2% RBCs in 1ml PBS buffer
- (2) Incubation temperature 37C
- (3) Incubation time 20 minutes
- (4) Experiments done in triplicate STD < 2%

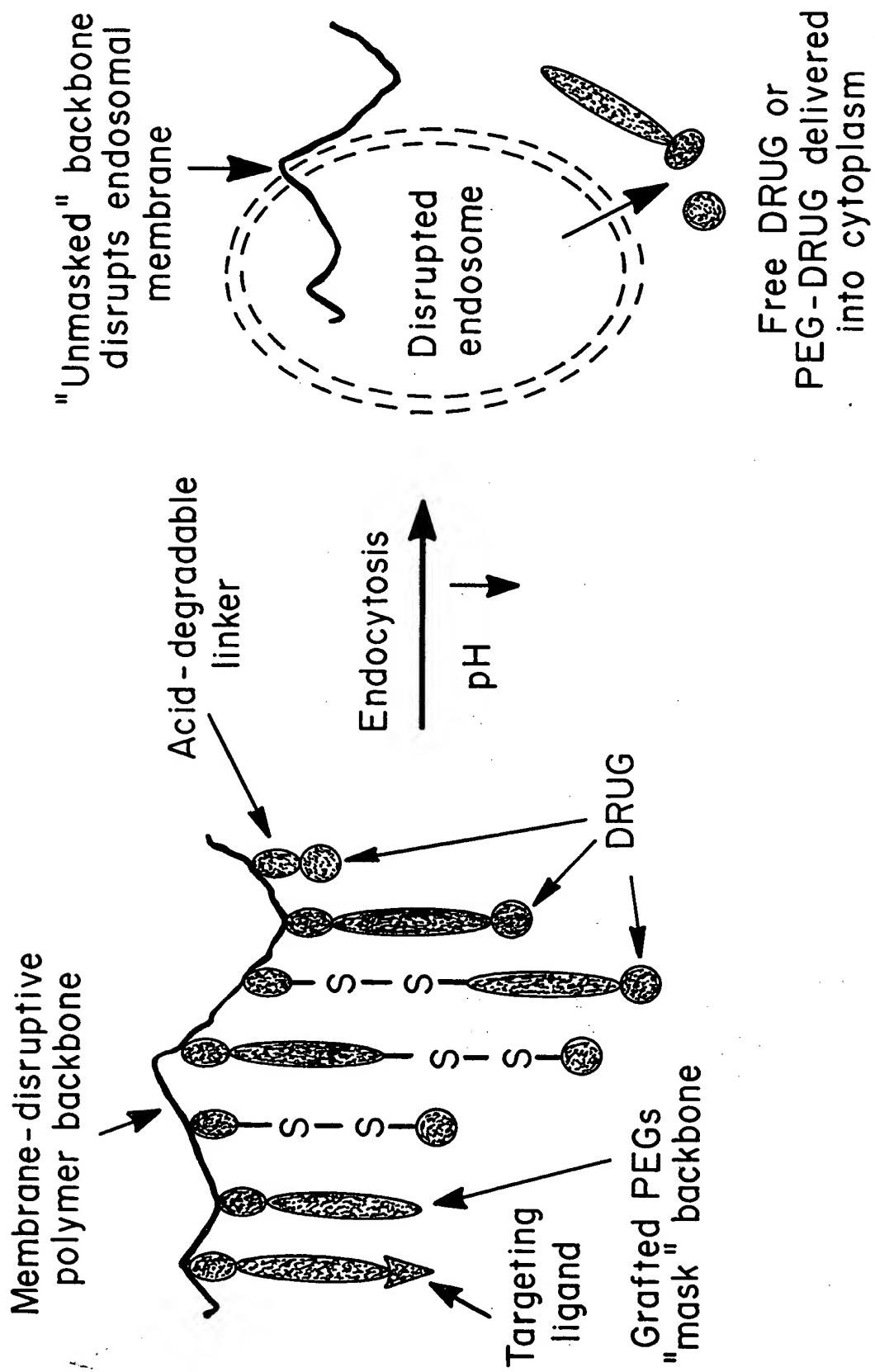
FIG. 2

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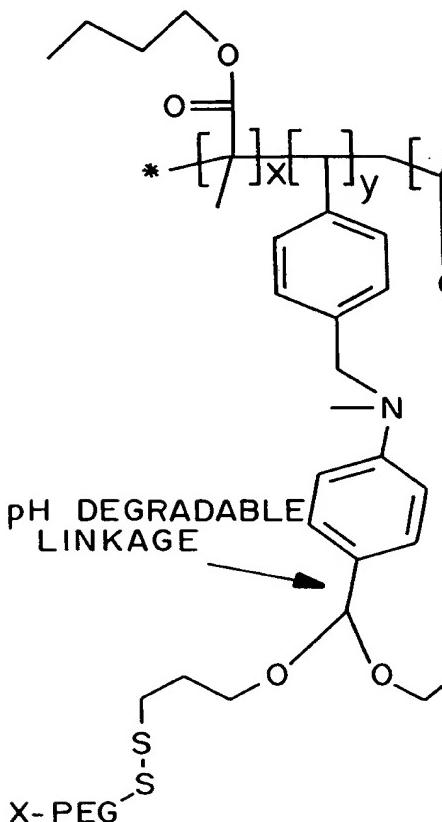
FIG. 3



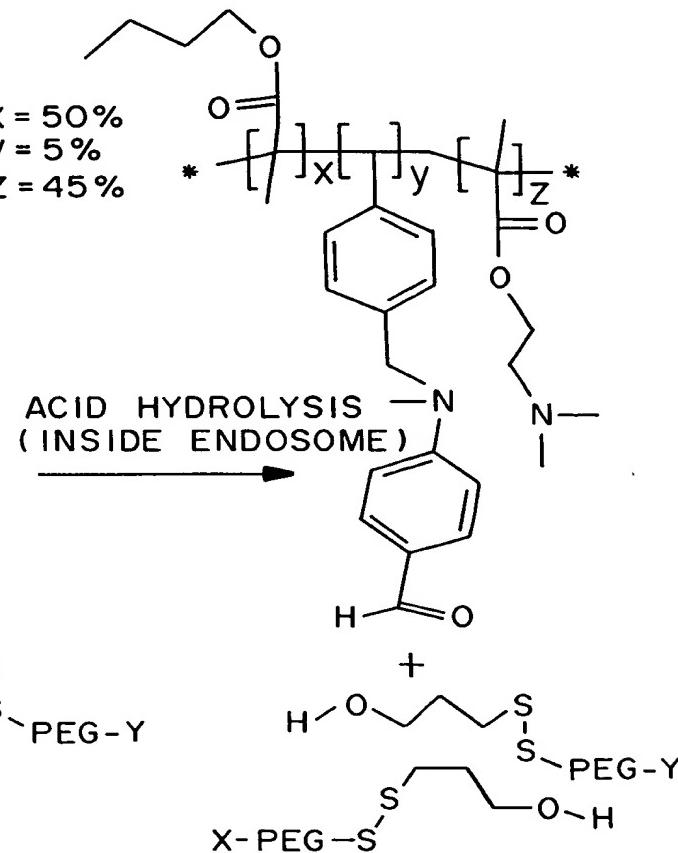
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SERUM STABLE
NONTOXIC FORM



MEMBRANE DISRUPTIVE
FORM



Encrypted Polymer E1: X = Y = Methoxy
 Encrypted Polymer E2: X = Fluorescein, Y = Lactose
 Encrypted Polymer E3: X = Hexalysine, Y = Lactose

FIG. 4

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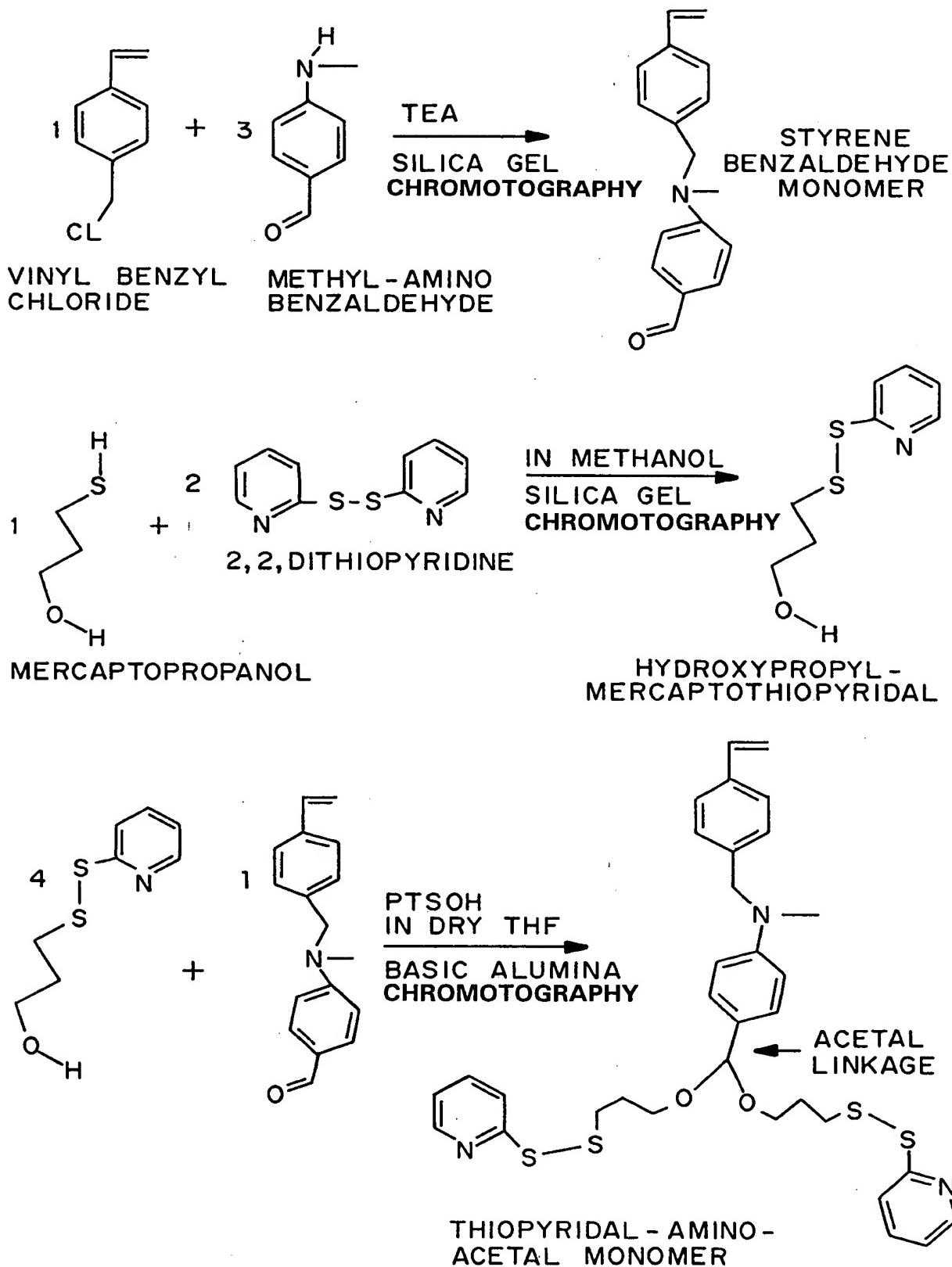
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FIG. 5A

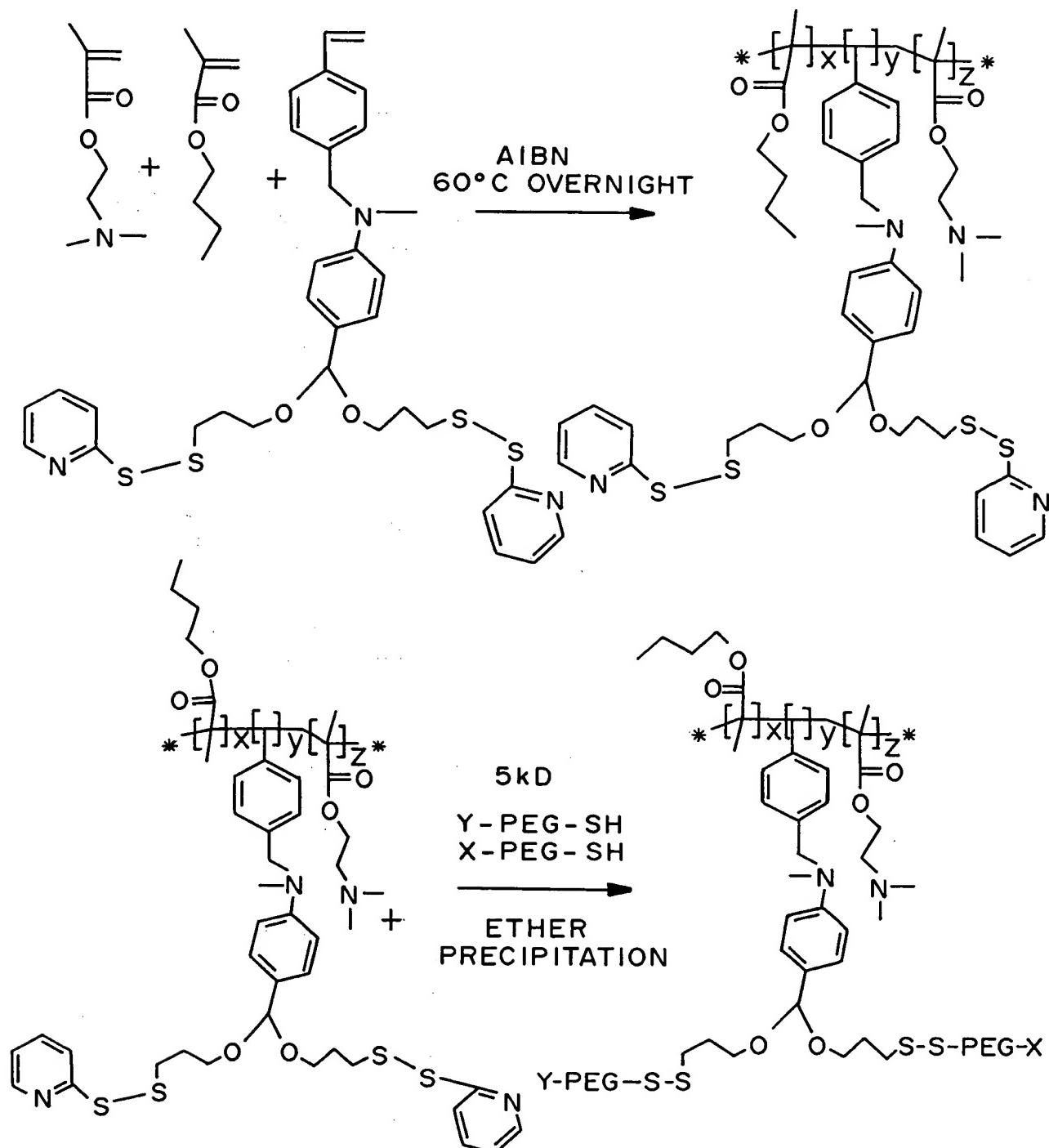


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FIG. 5B



ENCRYPTED POLYMER E1 : X = y = METHOXY

ENCRYPTED POLYMER E2 : X = FLUORESCEIN, y = LACTOSE

ENCRYPTED POLYMER E3 : X = HEXALYSINE, y = LACTOSE

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